

Mr. Thomas Rich  
Bulk Intermodal Distribution Services, Inc.  
1401 West 145<sup>th</sup> Street  
East Chicago, Indiana 46312

Re: 089-12847-00364  
First Administrative Amendment to  
FESOP 089-7702-00364

Dear Mr. Rich :

Bulk Intermodal Distribution Services, Inc. was issued a FESOP on June 11, 1998 for a stationary bulk liquid and solid material transfer operation. A letter requesting the installation of a new boiler was received on October 12, 2000. Its installation will result in an emissions of sulfur dioxide (SO<sub>2</sub>) at a rate of 2.23 tons per year when firing No. 2 fuel oil, and 0.7 ton of nitrogen oxides (NO<sub>x</sub>) per year when firing natural gas. Pursuant to 326 IAC 2-1.1-3 (b), its construction or modification is exempt from the requirement to obtain a registration, permit modification approval, or permit revision. Therefore, pursuant to the provisions of 326 IAC 2-8-10 the permit will be administratively amended. This amendment also includes the existing insignificant boiler in the issued FESOP, that requires a PM limit, pursuant to 326 IAC 6-2-4.

- (a) Proposed one (1) new boiler fired by No. 2 fuel oil or natural gas, rated at 1.67 million British thermal units (mmBtu) per hour, and
- (b) Existing one (1) boiler fired by No. 2 fuel oil, rated at 2.0 mmBtu/hr, exhausting through one (1) stack identified as Boiler Stack.

**D.3.1 326 IAC 6-2-4 (Particulate Emission Limitation for Sources of Indirect Heating)**

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Pursuant to 326 IAC 6-2-4, the particulate matter (PM) emissions from the following sources of indirect heating shall be limited as follows:

Equipment ID	Heat input Capacity (mmBtu/hr)	Particulate Matter (PM) Emissions Limit (lb/mmBtu)	PM Emissions Limit (pounds/hour)
New Boiler	1.67	0.6	1.0
Existing Boiler	2.0	0.6	1.2

**D.3.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]**

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A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is not required for these boilers.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Aida De Guzman, at (800) 451-6027, press 0 and ask for (Aida De Guzman) or extension (3-4972), or dial (317) 233-4972.

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Management

Attachments

APD

cc: File -Lake County  
U.S. EPA, Region V  
Lake County Health Department  
Northwest Regional Office  
Air Compliance Section Inspector - Rick Massoels/Ramesh Tejuja  
Compliance Data Section - Karen Nowak  
Administrative and Development - Janet Mobley  
Technical Support and Modeling - Michele Boner

**FEDERALLY ENFORCEABLE STATE  
OPERATING PERMIT (FESOP)  
OFFICE OF AIR MANAGEMENT**

**Bulk Intermodal Distribution Services, Inc.  
1401 West 145th Street  
East Chicago, Indiana 46312**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 and 326 IAC 2-1-3.2, as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F089-7702-00364	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: June 11, 1998
1 <sup>st</sup> Administrative Amendment 089-12847-00364	Pages Added: 30a
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

## SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM), and presented in the permit application.

### A.1 General Information [326 IAC 2-8-3(b)]

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The Permittee owns and operates a stationary bulk liquid and solid material transfer source.

Responsible Official: Tom Rich  
Source Address: 1401 West 145th Street, East Chicago, Indiana 46312  
Mailing Address: P. O. Box 658, East Chicago, Indiana 46312  
SIC Code: 4214  
County Location: Lake  
County Status: Attainment for CO and Lead  
Primary Nonattainment for TSP and SO<sub>2</sub>  
Moderate Nonattainment for PM-10  
Severe Nonattainment for ozone  
Source Status: Federally Enforceable State Operating Permit (FESOP)  
Minor Source, under PSD or Emission Offset Rules;  
Minor Source, Section 112 of the Clean Air Act

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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This stationary source consists of the following emission units and pollution control devices:

- (a) Transfer of HAP VOL and non-HAP VOLs with vapor pressure greater than or equal to 0.5 psia, using the submerged liquid loading method between rail tank cars and tanker trucks, utilizing a vapor balance system equipped with false domes to recover vapor expelled from the tanker trucks;
- (b) Transfer of bulk non-HAP VOLs with vapor pressure less than 0.5 psia, between rail tank cars and tanker trucks, using the splash loading method;
- (c) Transfer of bulk hydrochloric acid (no more than 37% by weight in concentration) using the submerged liquid loading method between rail tank cars and tanker trucks, utilizing a portable counter-current acid scrubber for controlling acid fumes in the vent gas during the transfer; and
- (d) Transfer of bulk solid from railcars to trucks, with a maximum transfer capacity of 1,900 tons per day, using fully enclosed conveyor systems or vacuum solid transfer systems, each equipped with a Mastervac internal filter for particulate matter control.

### A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

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This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) One (1) boiler fired by No. 2 fuel oil or natural gas, rated at 1.67 million British thermal units (mmBtu) per hour;
- (b) One (1) No. 2 diesel fuel fired boiler, rated at 2.0 million British thermal units (mmBtu) per hour, exhausting through one (1) stack, identified as Boiler Stack;
- (c) Blowdown for any of the following: sight glass, boiler, compressors, pumps, and cooling tower; and
- (d) Two (2) 500 gallon diesel oil storage tanks.

### SECTION D.3

### FACILITY OPERATION CONDITIONS

**Insignificant Activities:**

- (a) One (1) boiler fired by No. 2 fuel oil or natural gas, rated at 1.67 million British thermal units (mmBtu) per hour;
- (b) One (1) No. 2 diesel fuel fired boiler, rated at 2.0 million British thermal units (mmBtu) per hour, exhausting through one (1) stack, identified as Boiler Stack;

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

**Boilers      Natural Gas-fired - less than 10 MMBtu/hr**

**Emission Limitations and Standards [326 IAC 2-8-4(1)]**

**D.3.1    326 IAC 6-2-4 (Particulate Emission Limitation for Sources of Indirect Heating)**

Pursuant to 326 IAC 6-2-4, the particulate matter (PM) emissions from the following sources of indirect heating shall be limited as follows:

Equipment ID	Heat input Capacity (mmBtu/hr)	Particulate Matter (PM) Emissions Limit (lb/mmBtu)	PM Emissions Limit (pounds/hour)
New Boiler	1.67	0.6	1.0
Existing Boiler	2.0	0.6	1.2

**D.3.2    Preventive Maintenance Plan [326 IAC 2-8-4(9)]**

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is not required for these boilers.

Bulk Intermodal Distribution Services, Inc.  
East Chicago, Indiana  
Reviewer: SCP/EVP

Administrative Amendment 089-12847-00364  
Amended: Aida De Guzman

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